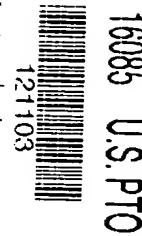


**Mail Stop Patent Application**  
**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Customer No. 035811

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Anne Vanet, Michaela Muller-Trutwin and Thomas Valère

For: METHOD FOR IDENTIFYING MOTIFS AND/OR COMBINATIONS OF MOTIFS HAVING A BOOLEAN STATE OF PREDETERMINED MUTATION IN A SET OF SEQUENCES AND ITS APPLICATIONS

Also enclosed are:

- Application Data Sheet  
 Sheets of drawings  
 Information Disclosure Statement with Form PTO-1449 and copies of publications  
 Recordation Form Cover Sheet - Patents Only and an Assignment of the invention to \_\_\_\_\_  
 Claim for Priority under 35 U.S.C. §119 with certified copy of \_\_\_\_\_  
 Postcard and Express Mail Certification

22387 U.S.PTO  
10/734023

The filing fee has been calculated as shown below:

	NO. OF CLAIMS FILED		NO. OF CLAIMS FROM BASIC FEE	NO. OF EXTRA CLAIMS
TOTAL	31	-	20 =	11
INDEP.	1	-	3 =	0
<input type="checkbox"/> First presentation of multiple dependent claim				

OTHER THAN  
SMALL ENTITY    SMALL ENTITY

RATE	BASIC FEE \$385.
x 9=	\$99.00
x43=	\$
+145=	\$

RATE	BASIC FEE \$770.
x18=	\$0
x86=	\$0
+290=	\$0

TOTAL FEE \$484.00

 \$ \_\_\_\_\_ A check in the amount of \$ \_\_\_\_\_ is enclosed to cover the official filing fee for a large entity. A check in the amount of \$484.00 is enclosed to cover the official filing fee for a small entity. A check in the amount of \$ \_\_\_\_\_ is enclosed to cover the recordal fee. Please charge my Deposit Account No. 50-2719 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed. In regard to this communication, the Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any additional patent application processing fees under 37 CFR §1.17 or credit any overpayment to Deposit Account No. 50-2719. A duplicate copy of this sheet is enclosed. During the pendency of this application, the Commissioner is hereby authorized to charge payment of any filing fees for presentation of extra claims under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or credit any overpayment to Deposit Account No. 50-2719. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

T. Daniel Christenbury, Reg. No. 31,750  
Attorney for Applicant(s)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : Customer No.: 035811  
Examiner :  
Serial No. :  
Filed : Herewith  
Inventors : Anne Vanet Docket No.: 1421-03  
: Michaela Muller-Trutwin  
: Thomas Valère Confirmation No.:  
Title : METHOD FOR IDENTIFYING MOTIFS AND/  
: OR COMBINATIONS OF MOTIFS HAVING A  
: BOOLEAN STATE OF PREDETERMINED  
: MUTATION IN A SET OF SEQUENCES AND  
: ITS APPLICATIONS

Dated: December 11, 2003

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**Mail Stop Patent Application**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**EXPRESS MAIL CERTIFICATION**

**37 C.F.R. §1.10**

Express Mail Label No.: EL 978573791 US

Date of Deposit: December 11, 2003

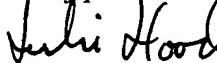
Description of Contents: Postcard, \$484.00 Check, Application Transmittal Letter, in duplicate, Application Data Sheet (1 page), Specification (22 pages), with Claims (6 pages) and Abstract (1 page), Information Disclosure Statement and Form PTO-1449 w/copies of publications and International Search Report.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to **Mail Stop Patent Application**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Leslie Hood

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